Question Paper

ANMC Mock Test Class 7 - Comparing Quantities (Paper 1)

Exam ID : TEST/2024/01/05133606 Report Generation Date : 3/26/2024 3:02:04 PM

Q1: A bag contains 50p, 25p, 10p coins in the ratio 2 : 6 : 3, amounting to Rs. 224. Find the total number of coins.

A: 800

B: 880

C: 850

D: 860

Answer: B

Q2: A man sells a mare of Rs.1055 making a profit of 5.5%. The cost of the mare is:

A: Rs. 995

B: Rs. 1010

C: Rs. 1015

D: Rs. 1000

Answer: D

Q3: When the price of a product was decreased by 30%, the number sold increased by 60%, what was the increase on the total revenue?

A: 12%

B: 10%

C: 9%

D: 15%

Answer: A

Q4: The selling price of goods which cost Rs. 12 and were sold at a loss of 10% is:

A: Rs.10.8

B: Rs.11.0

C: Rs.11.2

D: None of the above

Answer: A

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Q5: If 6% more is gained by selling an article for Rs. 624 than by selling it for Rs. 600 then the cost of the article is:

A: Rs.500

B: Rs.550

C: Rs.400

D: Rs.300

Answer: C

Q6: If 20% of 10% of 40 = 15% of x, then x is:

A: 5.58

B: 5.25

C: 5.33

D: 5.60

Answer: C

Q7: A sum of Rs.1500 was lent partly at 3% and partly at 5% p.a. simple interest. The total interest received after 3 years was Rs.180. The ratio of the money lent at 3% to that lent at 5% is:

A: 2:1

B: 1:1

C: 1:2

D: 3:2

Answer: B

Q8: A man sells a mare at Rs. 7440 making a loss of 7%. The cost of the mare is:

A: Rs.7900

B: Rs.7800

C: Rs.8000

D: Rs.7990

Answer: C

Q9: If S.P. of an article is 5/6 of its C.P., then the loss % in the transaction is:

A: 16.33%

B: 16%

C: 16.66

D: 16.25

Answer: C

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Q10: A watch was bought for Rs. 2,568 including 7% VAT. Find its price before the VAT was added.

A: Rs. 2460

B: Rs. 2420

C: Rs. 2400

D: Rs. 2450

Answer: C

Q11: A car is marked at Rs. 1000000. The dealer allows successive discounts of 20%, 10% and 2 1/3% on it. What is the net selling price of it?

A: Rs. 703224

B: Rs. 703624

C: Rs. 703284

D: Rs. 703574

Answer: A

Q12: Spiderman took 0.35 minutes to reach School from the bus stop whereas Superman took 35 seconds. What is the ratio of Spiderman's speed and Superman's speed?

A: 2 : 5

B: 5 : 4

C: 5 : 3

D: 7 : 4

Answer: C

Q13: A map is given with a scale of 2 cm = 1000 km. What is the actual distance between the two places in km, if the distance in the map is 2.8 cm?

A: 1600 km

B: 1500 km

C: 1200 km

D: 1400 km

Answer: D

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Q14: Rs. 7,000 is borrowed at 7.3% rate of interest p.a. borrowed for 2 years. Find the amount to be paid at the end of the second year.

A: Rs. 8020

B: Rs. 8018

C: Rs. 8022

D: Rs. 8024

Answer: C

Q15: What price should Rahul mark on a pair of shoes, which costs him Rs. 1260 so as to gain 12% after allowing a discount of 16%?

A: Rs. 1680

B: Rs. 1620

C: Rs. 1660

D: Rs. 1650

Answer: A

Q16: If 29% of 12% of 64 = 32% of x, then x is:

A: 6.96

B: 6.25

C: 6.58

D: 6.68

Answer: A

Q17: If a merchant estimates his profit as 30.43% of the selling price then which of the following is nearest option of the profit percent?

A: 43.75%

B: 40.45%

C: 45.62%

D: 46.78%

Answer: A

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Q18: If S.P. of an article is 6/7 of its C.P. then the loss % in the transaction is:

A: 14 1/7%

B: 14 3/7%

C: 14 5/7%

D: 14 2/7%

Answer: D

Q19: A book was sold for Rs. 168 with a profit of 12%. If it were sold for Rs. 180, then what would have been the percentage of profit or loss?

A: 25%

B: 18%

C: 20%

D: 24%

Answer: C

Q20: The selling price of goods which cost Rs. 14.20 and were sold at a loss of 10% is:

A: Rs. 12.78

B: Rs. 12.26

C: Rs. 12.58

D: Rs. 12.96

Answer: A

Q21: An article is marked at Rs. 2640. If it is sold for Rs. 2250, then find the discount per cent.

A: 15.38%

B: 16.63%

C: 14.77%

D: 13.68%

Answer: C

Q22: Reva takes a loan of Rs. 60,000 at 12% per year as rate of interest. Find the interest she has to pay at end of one year.

A: Rs. 7500

B: Rs. 7800

C: Rs. 7600

D: Rs. 7200

Answer: D

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Q23: What price should Aman mark on a TV set, which costs him Rs. 48000 so as to gain 15% after allowing a discount of 20%?

A: Rs. 68000

B: Rs. 65000

C: Rs. 69000

D: Rs. 70000

Answer: C

Q24: x% of 689 + 14% of 72 = 65.20, then the value of x is:

A: 8

B: 10

C: 12

D: 5

Answer: A

Q25: If S.P. of an article is 5/8 of its C.P., then the loss % in the transaction is:

A: 35.2%

B: 37.5%

C: 39.6%

D: 32.8%

Answer: B

Q26: If 4.25% more is gained by selling an article for Rs. 732 than by selling it for Rs. 681 then the cost of the article is:

A: Rs. 1500

B: Rs. 1200

C: Rs. 1600

D: Rs. 1000

Answer: B

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Q27: A sum of Rs. 1800 was lent partly at 5% and partly at 6% p.a. simple interest. The total interest received after 3 years was Rs. 300. The ratio of the money lent at 5% to that lent at 6% is:

A: 4:5

B: 2:3

C: 1:2

D: 3:4

Answer: A

Q28: 40% of 1660 = x% of 1200, then the value of x is:

A: 48.67

B: 60.25

C: 55.33

D: 62.50

Answer: C

Q29: What is 80% of 15% of 280?

A: 46.2

B: 28.8

C: 30.5

D: 33.6

Answer: D

Q30: The cost of a vehicle after depreciation at the rate of 8% per annum in 2 years is Rs. 126960. The initial cost of vehicle is:

A: Rs. 150000

B: Rs. 180000

C: Rs. 200000

D: Rs. 120000

Answer: A